

**ABSTRACT OF THE DISCLOSURE**

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**METHOD AND SYSTEM FOR  
APPLICATION INSTALLATION AND MANAGEMENT USING AN  
APPLICATION-BASED NAMING SYSTEM INCLUDING ALIASES**

10 A method is presented for managing applications  
using application-based names. A naming service  
registers an alias name; the alias name represents a  
first compound name that includes an application name  
that is associated with an application and a deployment  
name that is associated with a deployment attribute that  
15 characterizes a deployment of an instance of the  
application. The naming service is also able to generate  
an application-based name associated with an application;  
the application-based name represents a context within a  
naming system, and the application-based name is a second  
20 compound name that includes the alias name. Applications  
are managed within a data processing system using  
application-based names. The first compound name can be  
associated with a first topology-based name that  
represents a first context for organizing files that are  
25 related to the instance of the application.